

Claims:

1. A pressure vessel adapted for providing water to wash a toilet bowl comprising:
  - a tank portion for preserving water, an outlet being defined at a bottom of the tank portion for draining water, and a through hole being defined at a top of the tank portion and corresponding to the outlet; and
  - a drain mechanism including:
    - a hollow pipe with a top fixed on the through hole of the tank portion, a separating plate extending horizontally from an inner side and near a top of the hollow pipe, an actuator being assembled on a top of the separating plate for manual operation and having a first resilient element mounted therein, at least a pivot element pivotably connecting with the actuator and mounted between the separating plate and the actuator, each pivot element forming an anchor at a lower end thereof;
    - a pole extending longitudinally through interior of the hollow pipe, and forming a flange at a top thereof, at least a groove being defined near the flange for latching the anchors, a drain tube being mounted on a bottom of the pole and having a top projection near a top thereof, a plurality of drain holes in the bottom thereof and a tapered projection at substantially a middle thereof for abutting against the tank portion thereby closing the outlet; and
    - a resisting ring being mounted on the top projection of the drain tube and forming a crinkle portion on a center thereof, the resisting ring having an outer rim fixedly retained between a lower portion of the hollow pipe and a lock cover of the top projection, a biasing ring being mounted on a top of the drain tube for pressing against an inner rim of the resisting ring.
2. The pressure vessel as claimed in claim 1, further comprising a feed mechanism assembled on and near a side of the tank portion.
3. The pressure vessel as claimed in claim 2, wherein the feed mechanism has a housing, the housing having a feed portion perpendicularly

extending from a side thereof for connecting with water resource, and an entering portion extending from a bottom thereof for transferring water into the tank portion, and wherein a feed tube extends into the tank portion and has an upper portion beyond a top of the tank portion for communicating with the entering portion of the feed mechanism.

4. The pressure vessel as claimed in claim 3, wherein the feed mechanism has a piston movable in the housing, and forms an upper block with relatively large width and a lower block with relatively small width, which respectively fit with an inner surface of the housing, a second resilient element surrounding the lower block and having a top abutting against the upper block and a bottom abutting against the housing in normal state.
5. The pressure vessel as claimed in claim 4, wherein a fastening element is mounted on a top of the housing and defines an air hole substantially in a center thereof, an air room being defined between the fastening element and the upper block and communicating with the air hole, and wherein an air tube connects with the air aperture and the air hole for guiding compressed air in the tank portion into the air room.
6. The pressure vessel as claimed in claim 4, wherein the first and the second resilient elements are springs.
7. The pressure vessel as claimed in claim 4, wherein an outer tapered surface is formed on a bottom of the lower block for abutting against an inner tapered surface of the entering portion thereby controlling water flow.
8. The pressure vessel as claimed in claim 1, wherein the tank portion forms a tapered rim at a center of a bottom thereof for bordering the outlet, and wherein the tapered projection forms a tapered surface abutting against the tapered rim thereby closing the outlet.
9. The pressure vessel as claimed in claim 1, wherein a cross portion is

formed at a bottom of the drain tube for separating and adjusting water.